

DART
AEROSPACE
Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200
Fax 613 632-5246

Print

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
PO040848	MCM001-VU	6	1	2% 10 Net 30	M6061TGTR1.5X1.0W125	6061-T6 Rect Tube 1.5 X 1.0 X .125W : MATERIAL: 6061-T6 OR 6061-T651/T6516/T6511/T62 RECTANGULAR TUBING PER AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR PER AMS-QQ-A-200/8 OR AMS 4160 receive ft				24	8/29/2018	24		S108232	Stock	9/5/2018	\$ 7.41 / ft	0		\$177.84	McMaster-Carr Supply Co.
Total:												24								\$177.84	

Plex 9/5/2018 2:25 PM dart.Tollis Andrew



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO040848

Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO040848

PO Date: 8/27/18

Due Date: 8/29/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

Via: Ground

Pymt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

Items					Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
Line Item	Job	Part	Supplier Part No	Description								
1	182436	59915K274		Rod End Bearing D4777-1	Firmed	-	8/29/18	20 pcs	0 pcs	20 pcs	\$17.14/pcs	\$342.80
2		6546K56	3 ft long	Rectangular Tube, 1/8" wall, 1-1/4" High x 1-1/4" wide	Firmed	-	8/29/18	20 Ea	0 Ea	20 Ea	\$26.16/Ea	\$523.20
Line Item Note: to use on part RBE350A93-3302-02-5					Firmed	-	8/29/18	10 pcs	0 pcs	10 pcs	\$5.64/pcs	\$56.40
3	182496	6718K52		Fitting, Quick Disconnect D4182-1	Firmed	-	8/29/18	10 Ea	0 Ea	10 Ea	\$1.682/Ea	\$16.82
4		93635A446	5/pk	Hex Head Cap Screw receive ea	Firmed	-	8/29/18	40 pcs	0 pcs	40 pcs	\$0.363/pcs	\$14.52
5	182497	D2484P	91343A100 10/pk	Lock Nut : Various STC's	Firmed	-	8/29/18	24 ft	0 ft	24 ft	\$5.8333/ft	\$140.00
6		M6061T6TR1.5X1.0W125	6546K999	6061-T6 Rect Tube 1.5 X 1.0 X .125W : MATERIAL: 6061-T6 OR 6061-T651/T6510/T6511/T62 RECTANGULAR TUBING PER AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR PER AMS-QQ-A-200/8 OR AMS 4160 receive ft	Firmed	-	8/29/18	50 Ea	0 Ea	50 Ea	\$17.24/Ea	\$862.00
7	182522	63215K34		Bearing	Firmed	-	8/29/18	50 Ea	0 Ea	50 Ea	\$17.24/Ea	\$862.00
Grand Total:												\$1,955.74

Order Notes

Plex 8/27/18 1:40 P

8/27/2018

PURCHASE ORDER

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A032 DOCUMENT SPECIAL REQUIREMENTS

A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 8/27/18 1:40 PM dart.lavoie.chantal



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO040848
Order Placed By
Chantal Lavoie

McMaster-Carr Number
8296121-04

Page 1 of 1
09/04/2018

Line	Product	Ordered	Shipped
6	6546K999 Extruded 6061-T6 Aluminum Rectangle Tubing, , 1" X 1.5" X .125" Wall, 6' Length with Mtr, ** AMS-Qq-A-225/8 or AMS 4117/4128/4115/4116 **, ** or Per AMS-Qq-A200/8 or AMS 4160 **	24 Feet	24

Shipped separately from our Cleveland warehouse on 08/27

1	59915K274 Corrosion-Resistant Ball Joint Rod End, 3/8"-24 Thread, Right Hand	20 Each	20
2	6546K56 6061 Aluminum Rectangular Tube, 1/8" Wall Thickness, 1-1/4" High x 1-1/4" Wide, 3 Feet Long	20 Each	18
3	6718K52 303 Stainless Steel Industrial-Shape Air Hose Coupling, Plug, 1/4 Coupling Size, 1/4 NPTF Female End	10 Each	10
4	93635A446 316 Stainless Steel Hex Head Screw, Super-Corrosion-Resistant, M10 x 1.5 mm Thread, 50 mm Long	2 Packs	2
5	91343A100 316 Stainless Steel Serrated Flange Locknut, Super-Corrosion-Resistant, 1/4"-20 Thread Size	4 Packs	4
7	63215K34 Corrosion-Resistant Swivel Joint, Lubrication-Free, 3/8" ID, 13/16" OD	50 Each	50

Shipped separately from our Chicago warehouse on 08/27

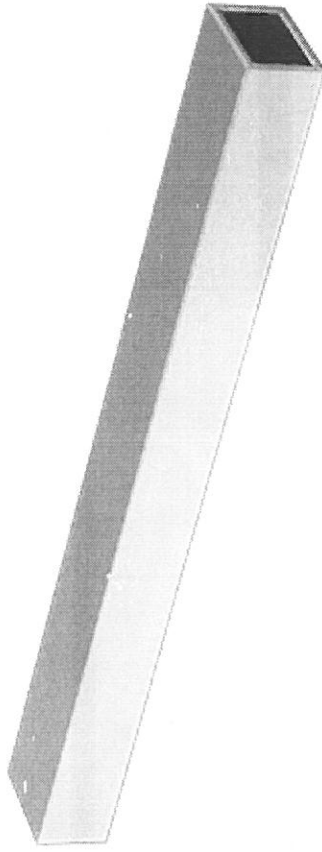
2	6546K56 6061 Aluminum Rectangular Tube, 1/8" Wall Thickness, 1-1/4" High x 1-1/4" Wide, 3 Feet Long	20 Each	2
---	--	---------	---

McMASTER-CARR®

6061 Aluminum Rectangular Tube

1/8" Wall Thickness, 1" High x 1-1/2" Wide

\$44.48 Each
6546K38



Material	6061 Aluminum
Cross Section Shape	Rectangle
Corner Shape	
Inside	Square
Outside	Round
Construction	Hollow
Appearance	Plain
Wall Thickness	1/8"
Wall Thickness Tolerance	-0.015" to 0.015"
Tolerance Rating	Standard
Outside	
Height	1"
Height Tolerance	-0.085" to 0.085"
Width -	1 1/2"
Width Tolerance	-0.085" to 0.085"
Inside	
Height	3/4"
Width	1 1/4"
Yield Strength	35,000 psi
Fabrication	Heat Treated
Temper	T6
Hardness	Brinell 80
Hardness Rating	Soft
Heat Treatable	Yes
Temperature Range	-320° to 300° F
Specifications Met	ASTM B221
Straightness Tolerance	Not Rated
Magnetic Properties	Nonmagnetic

Density	0.1 lbs./cu. in.
Surface Resistivity	25 Ohm-Cir Mil/ft
Melting Point Temperature	1080° F
Modulus of Elasticity	10.0 ksi x 10 ³
Thermal Conductivity	1,390 Btu/hr. x in./sq. ft./°F @ 75° F
Elongation	12.5%
Material Composition	
Aluminum	95.1-98.2%
Chromium	0.4-0.8%
Copper	0.05-0.4%
Iron	0-0.7%
Magnesium	0.8-1.2%
Manganese	0-0.15%
Nickel	0-0.05%
Silicon	0.4-0.8%
Titanium	0-0.15%
Zinc	0-0.25%
Zirconium	0-0.25%
Other	0.15%
Length Tolerance	-1/4" to 1/4"
Length	6 ft.
RoHS	Compliant

Often fabricated into vehicle parts, pipe fittings, and containers, 6061 is stronger and offers better corrosion resistance than 6063 and 6061. It's also nonmagnetic, heat treatable, and resists stress cracking.



DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO. M6061T6 TR	REV. A SHEET 1 OF 1
DATE 02.12.04		TITLE 6061-T6 RECTANGULAR TUBING	SCALE NTS
A	02.12.04	NEW ISSUE	

RELEASED
02.12.04

PURCHASE MATERIAL: (6061-T6) (OR 6061-T6S1/T6S10/T6S11/T6S2) RECTANGULAR TUBING
PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR
PER AMS-QQ-A-200/8 (OR AMS 4160)

PART NUMBER:

M6061T6 TR | H.H | x | B.B | W | TTT |
 HEIGHT WIDTH WALL

WHERE H.H = HEIGHT IN INCHES
B.B = WIDTH IN INCHES
TTT = WALL THICKNESS IN MIL

EG. 4" x 2" x 0.125" WALL = M6061T6 TR 4.0 x 2.0 W125

ASTM B 221

Acceptable 9/18/95

Copyright © 2002 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M60.176TR15x1.0W125
 DATE: 18/09/05

PO / BATCH NO.: P0040848/5108232

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 24ft
 QUANTITY INSPECTED: 24ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000"
 THICKNESS RECEIVED: 1.000"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	ASTM B221 Acceptable
CORRECT THICKNESS	(Y)	N	DAS 12 18/9/5 9-89
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	P0040848
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u> DATE: <u>18/09/05</u>	SIGNED OFF BY: <u>DAS 12 9-89</u> DATE: <u>18/9/5</u>

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in